

Viewing 144 results

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Count	Title	Principal Investigator	Institution	City, ST	Grant Number	Pubs
1	A Novel Pathway Involving ATM, PP1 and I-2	xu, bo	methodist hospital research institute	houston, TX	R01ES016354	2
2	A Novel Role for the Fanconi Anemia Pathway in Replication of B[a]P-Adducted DNA	vaziri, cyrus	university of north carolina chapel hill	chapel hill, NC	R01ES016280	2
3	A Study of Telomeres in an Arsenic-Exposed Bangladesh Cohort	pierce, brandon lee	university of chicago	chicago, IL	R01ES020506	Ø
4	ADDUCTS AS QUANTITATIVE MARKERS OF BUTADIENE MUTAGENESIS	swenberg, james a	university of north carolina chapel hill	chapel hill, NC	R01ES012689	15
5	AGE-Related Epigenetic Changes - Environmental Causes and Disease Consequences	fallin, margaret daniele	johns hopkins university	baltimore, MD	R01ES015211	3
6	Arsenic, Histone Modification, and Transcription	sheldon, lynn a	dartmouth college	hanover, NH	R01ES013168	1
7	Arsenic-enhanced skin carcinogenesis by UV radiation	liu, ke jian	university of new mexico	albuquerque, NM	R01ES015826	6
8	Benzo(a)pyrene Mutagenic Mechanisms	loechler, edward l	boston university	boston, MA	R01ES003775	37
9	Biochemical Basis of SOS-Induced Mutagenesis	goodman, myron	university of southern california	los angeles, CA	R01ES012259	22
10	Biochemical Basis of Somatic Hypermutation	goodman, myron	university of southern california	los angeles, CA	R01ES013192	13
11	Biological Effects of DNA Adducts Formed by Nitroaromatic Compounds	basu, ashis k	university of connecticut storrs	storrs, CT	R01ES009127	30
12	Biological Response Indicators of Environment Stress Centers	rappaport, stephen morris	university of california berkeley	berkeley, CA	U54ES016115	15
13	Biomarker signatures of biological, chemical, or psychological stress	lawrence, david a	wadsworth center	rensselaer, NY	U01ES016014	1
14	Biomarkers of Organophosphate-Adducted Proteins	thompson, charles mark	university of montana	missoula, MT	U01ES016102	16
15	CELLULAR GENOTOXICITY OF PHOTOACTIVATED URANIUM	stearns, diane m	northern arizona university	flagstaff, AZ	R15ES019703	Ø
	Can shift work shift epigenetic			new haven		

16	Can short-term stress epigenetic changes?	zhu, yong	yale university	new haven, CT	R21ES018915	Ø
17	Carcinogenesis of Nickel and Epigenetic Control	costa, max	new york university school of medicine	new york, NY	R01ES005512	87
18	Cellular Responses to Environmental Insults and Risk for Melanoma Development	cordeiro-stone, marila	university of north carolina chapel hill	chapel hill, NC	R01ES015856	5
19	Cellular Responses to Oxidative Stress in Models of Colon Cancer Development	doetsch, paul w.	emory university	atlanta, GA	P01ES011163	49
20	Center for Novel Biomarkers of Response	pounds, joel g	battelle pacific northwest laboratories	richland, WA	U54ES016015	12
21	Characterization and testing of novel genes in DNA double-strand break repair	wiese, claudia	university of calif-lawrenc berkeley lab	berkeley, CA	R21ES019248	Ø
22	Chemistry and Biology of Carcinogen-DNA Adducts	stone, michael p	vanderbilt university	nashville, TN	P01ES005355	132
23	Comet-Chip: A High-Throughput DNA Damage Sensor for Enviornmental Health Studies	engelward, bevin p.	massachusetts institute of technology	cambridge, MA	U01ES016045	1
24	CometChip: Enabling Translation of DNA Damage and Repair Assays	engelward, bevin p.	massachusetts institute of technology	cambridge, MA	R21ES019498	Ø
25	Comparative Mechanisms of Genomic Instability	vasquez, karen m	university of texas austin	austin, TX	R01ES015707	4
26	Comparing and contrasting the biology of damage survival at a genomic level	bishop, alexander james	university of texas hlth sci ctr san ant	san antonio, TX	R15ES019128	Ø
27	Contrasting environmental and genetic controls of alternative phenotypes	brisson, jennifer a	university of nebraska lincoln	lincoln, NE	R00ES017367	2
28	Cross-talking pre-incision events of eukaryotic NER	wani, altaf a	ohio state university	columbus, OH	R01ES012991	22
29	DNA Adducts of Styrene and Other Vinyl Monomers	stone, michael p	vanderbilt university	nashville, TN	R01ES005509	21
30	DNA Adducts of the Carcinogen Acetaldehyde	hecht, stephen s	university of minnesota twin cities	minneapolis, MN	R01ES011297	18
31	DNA Damage Responses Following Genotoxin Exposure	wani, altaf a	ohio state university	columbus, OH	R01ES002388	51
32	DNA Methylation as a Biomarker of Exposure and Effect for Particles and Metals	schwartz, joel d	harvard university (sch of public hlth)	boston, MA	R01ES015172	41
33	DNA Methyltransferase Gene Expression in Colon Cancer	baylin, stephen b	johns hopkins university	baltimore, MD	R01ES011858	24

34	DNA Oxidation Products and Endogenous DNA Adducts	dedon, peter c	massachusetts institute of technology	cambridge, MA	R01ES016450	4
35	DNA Polymerase Beta Variants and Cancer	sweasy, joann b	yale university	new haven, CT	R01ES019179	Ø
36	DNA Repair Genes and Proteins of the RAD52 Group	sung, patrick	yale university	new haven, CT	R01ES007061	116
37	DNA Repair In A Hormone Responsive Gene	smerdon, michael j	washington state university	pullman, WA	R01ES004106	43
38	DNA damage recognition by nucleotide excision repair proteins	van houten, bennett	university of pittsburgh at pittsburgh	pittsburgh, PA	R01ES019566	4
39	DNA methylation alterations in response to pesticides exposure	hou, lifang	northwestern university	chicago, IL	RC1ES018461	2
40	Defective p53 synthesis following DNA damage and cancer development	yang, da-qing	sanford research/usd	sioux falls, SD	R03ES017869	Ø
41	Developmental Regulation of Drug Processing Genes	klaassen, curtis d	university of kansas medical center	kansas city, KS	R01ES019487	2
42	Diet by Gene Interactions Affecting Calcium and Bone Metabolism	fleet, james c	purdue university west lafayette	west lafayette, IN	R21ES019103	8
43	Dietary Polyphenols Are Consequential Epigenetic Modulators of Gene Expression	zhu, bao-ting	university of kansas medical center	kansas city, MO	R01ES015242	20
44	Direct Somatic Mutation Analysis Through Sequencing	vijg, jan	albert einstein col of med yeshiva univ	bronx, NY	R21ES019520	Ø
45	Early Disease Biomarkers of PCB-exposed Human Population	dutta, sisir k	howard university	washington, DC	U01ES016127	6
46	Effect of nutritional status on MRP2 expression and biliary excretion of bispheno	slitt, angela l	university of rhode island	kingston, RI	R01ES016042	1
47	Effects of In Utero and Transgenerational Exposure of Avy Mice to Bisphenol A	rosenfeld, cheryl susan	university of missouri-columbia	columbia, MO	RC1ES018195	1
48	Effects of environmental contamination on gene copy number variation: Molecular b	shaw, joseph	indiana university bloomington	bloomington, IN	R01ES019324	Ø
49	Environment, Fetal Tissue DNA Methylation & Birthweight	wright, robert o	brigham and women's hospital	boston, MA	R01ES020268	Ø
50	Environment, The Perinatal Epigenome, and Risk for Autism and Related Disorders	fallin, margaret daniele	johns hopkins university	baltimore, MD	R01ES017646	Ø
51	Environmental Beta Cell Toxins - Mechanisms of Action	wilson, glenn	university of south alabama	mobile, AL	R01ES003456	69
	Environmental Epigenetics					

52	Environmental Epigenetics and Stem/Progenitor Cell Injury	huang, tim h.-m.	ohio state university	columbus, OH	U01ES015986	13
53	Environmental Factors Influencing Minisatellite Stability in Yeast	kirkpatrick, david t.	university of minnesota twin cities	minneapolis, MN	R21ES019247	Ø
54	Environmental Risk Factors for Copy Number Variation in Human Chromosomes	glover, thomas w	university of michigan at ann arbor	ann arbor, MI	RC1ES018672	1
55	Environmental toxin interactions with genetic risks for Parkinson's disease	krantz, david evan	university of california los angeles	los angeles, CA	R01ES015747	12
56	Enzyme Catalysis of Toluene Degradation and Unusual DNA Photoproduct Repair	li, lei	indiana univ-purdue univ at indianapolis	indianapolis, IN	R00ES017177	2
57	Epigenetic Basis for Prostate Carcinogenesis following Early Estrogenic Exposures	prins, gail s	university of illinois at chicago	chicago, IL	R01ES015584	22
58	Epigenetic Changes in the Glucocorticoid Receptor Gene Due to Arsenic Exposure	allan, andrea m	university of new mexico health scis ctr	albuquerque, NM	R01ES019583	Ø
59	Epigenetic Marks of Xenoestrogen Exposure	waxman, david j	boston university	boston, MA	RC1ES018332	Ø
60	Epigenetic Modulation of PTPG by Zeranol in Beef Increases Breast Cancer Risk	lin, young c	ohio state university	columbus, OH	R01ES015212	7
61	Epigenetic Regulation by Large Non-Coding RNAs in the p53 Mediated DNA Damage Res	rinn, john louis	harvard university	cambridge, MA	R01ES020260	Ø
62	Epigenetic Reprogramming in Germline by Phthalates	kim, kwan hee	washington state university	pullman, WA	R01ES019836	Ø
63	Epigenetic Transgenerational Endocrine Disruptor Actions	skinner, michael k	washington state university	pullman, WA	R01ES012974	11
64	Epigenetic effects if endocrine disruptors in fetal germ cells	szabo, pirooska e	city of hope/beckman research institute	duarte, CA	R01ES015185	3
65	Epigenetic effects of developmental endocrine disruptor exposure in the ovary	uzumcu, mehmet	rutgers the st univ of nj new brunswick	new brunswick, NJ	R56ES017059	Ø
66	Epigenetic transgenerational effects of endocrine disruptors via female germ line	uzumcu, mehmet	rutgers the st univ of nj new brunswick	new brunswick, NJ	R21ES017847	Ø
67	Epigenetics of Lead Toxicity in Mouse Brain	puga, alvaro	university of cincinnati	cincinnati, OH	R21ES020048	Ø
68	Epigenomic profiling of histone turnover kinetics in mammalian cells	henikoff, steven	fred hutchinson cancer research center	seattle, WA	R01ES020116	Ø
69	Epigenomics of Bisphenol A Exposure and Disease Risk	huang, tim h.-m.	ohio state university	columbus, OH	R01ES017594	10
	Estrogens/Xenoestrogens and					

70	Estrogens/Antiestrogens and Epigenetic Regulation of Gene Expression	tang, wan-ye	johns hopkins university	baltimore, MD	R00ES016817	1
71	Exposure and biological response biomarkers of cigarette smoke	blair, ian alexander	university of pennsylvania	philadelphia, PA	U01ES016004	11
72	Genetic Defects in a Novel Radiation Sensitive Syndrome	shen, zhiyuan	univ of med/dent nj-r w johnson med sch	new brunswick, NJ	R21ES019769	Ø
73	Genetic and Epigenetic Biomarkers for SCC of the Lung	belinsky, steven a	lovelace biomedical & environmental res	albuquerque, NM	R01ES015262	Ø
74	Genetics of individual variation in response to radiation exposure	cheung, vivian g.	childrens hospital of philadelphia	philadelphia, PA	R01ES015733	24
75	Genomic and Metabolomic Responses to Alcohol-induced Liver Damage	forname, albert j	georgetown university	washington, DC	U01ES016013	1
76	Genomic and Proteomic Biomarkers of Biological Responses to Exposure	lamartiniere, coral	university of alabama at birmingham	birmingham, AL	U01ES016003	1
77	Genotoxicity of Chromium Compounds	zhitkovich, anatoly	brown university	providence, RI	R01ES008786	27
78	Global methylation profile in endometrium of endometriosis patients	nagel, susan c	university of missouri-columbia	columbia, MO	R21ES020039	Ø
79	HIERARCHICAL MODELING OF INTERACTIONS IN GENOME-WIDE AND PATHWAY-BASED STUDIES	conti, david v	university of southern california	los angeles, CA	R01ES016813	8
80	High Throughput Technology for Assessing Global DSB Repair Capacity	brenner, david jonathan	columbia university health sciences	new york, NY	R21ES019494	Ø
81	Hypoxia, Genetic Instability and DNA Mismatch Repair	glazer, peter m	yale university	new haven, CT	R01ES005775	42
82	Identification of common pathways in tumor promotion	digiovanni, john	university of texas austin	austin, TX	R01ES015718	4
83	Identifying Conserved Genetic Networks for Eukaryotic MMR Genes	edelmann, winfried	albert einstein col of med yeshiva univ	bronx, NY	R21ES019966	Ø
84	Impact of transplacental PAH exposure on the epigenome	benninghoff, abby d	utah state university	logan, UT	R03ES018919	Ø
85	Inflammation as a Mediator of Dynamic DNA Mutations	delaney, sarah	brown university	providence, RI	R01ES019296	2
86	Influence of human gene variants on the effects of developmental MeHg exposure	carvan, michael j	university of wisconsin milwaukee	milwaukee, WI	R21ES019104	Ø
	Integrated Epigenetic Maps of		university of			

87	Integrated Epigenetic Maps of Human Embryonic and Adult Cells	costello, joseph f	university of california san francisco	san francisco, CA	U01ES017154	4
88	Investigating gene x environment interaction using human exposures to O3 & LPS	peden, david b	university of north carolina chapel hill	chapel hill, NC	RC1ES018417	4
89	LOCALIZED REVISION OF EPIGENETIC LANDSCAPES INDUCED BY DNA DOUBLE-STRAND BREAKS	sleckman, barry p	washington university	st. louis, MO	R21ES019779	1
90	Linkage of Lung Inflammation to 8-oxoguanine and OGG1	boldogh, istvan steven	university of texas medical br galveston	galveston, TX	R01ES018948	2
91	MMR-Coupled Translesion DNA Synthesis During Suppression of PAH-Induced Mutation	buermeyer, andrew b	oregon state university	corvallis, OR	R21ES018979	Ø
92	Macronutrients, Mitochondria and Blood Metabolome/Proteome Disease Risk Profiles	kristal, bruce s	brigham and women's hospital	boston, MA	U01ES016048	1
93	Mechanism of Eukaryotic Environmental Mutagenesis	walker, graham c	massachusetts institute of technology	cambridge, MA	R56ES015818	Ø
94	Mechanism of Mammalian Translesion DNA synthesis	moriya, masaaki	state university new york stony brook	stony brook, NY	R01ES018833	Ø
95	Mechanisms of Environmental and Nuclear and Mitochondrial Mutagenesis	bielas, jason h.	fred hutchinson cancer research center	seattle, WA	R01ES019319	Ø
96	Mechanisms of Telomeric DNA Loss and Repair	opresko, patricia lynn	university of pittsburgh at pittsburgh	pittsburgh, PA	R01ES015052	2
97	Mechanisms of Trinucleotide Repeat Expansion via Oxidative DNA Damage and Repair	liu, yuan	florida international university	miami, FL	R00ES017476	Ø
98	Mechanisms of selective excision and oxidative repair of alkylated DNA	camps, manel	university of california santa cruz	santa cruz, CA	R01ES019625	Ø
99	Methods for Pathway Modeling with Application to Folate	thomas, duncan c.	university of southern california	los angeles, CA	R01ES019876	Ø
100	Microfluidics-assisted display of stretched DNA in the study of DNA repair in viv	sidorova, julia	university of washington	seattle, WA	R21ES019485	Ø
101	Modification of DNA Polymerase Delta by a Novel Mechanism During Replication Stre	lee, marietta y.	new york medical college	valhalla, NY	R01ES014737	6
	Molecular Basis of					

102	MOLECULAR BASIS OF BRCA2-mediated DNA Repair and Cancer Avoidance	sung, patrick	yale university	new haven, CT	R01ES015252	12
103	Molecular Genetics of Cadmium Toxicity	nebert, daniel w.	university of cincinnati	cincinnati, OH	R01ES010416	36
104	Molecular Mechanisms of Nitroarene Toxicity	de los santos, carlos raul	state university new york stony brook	stony brook, NY	R01ES017368	2
105	Molecular Toxicology of DNA Adducts	grollman, arthur patrick	state university new york stony brook	stony brook, NY	P01ES004068	110
106	Molecular mechanism of cytochrome P4501A1 expression.	moorthy, bhagavatula	baylor college of medicine	houston, TX	R01ES009132	26
107	Mouse Models of DNA Repair - Defective Human Diseases	friedberg, errol	university of texas sw med ctr/dallas	dallas, TX	R01ES011344	11
108	Multiplexed Quantification of DNA Damage Response	begley, thomas j	state university of new york at albany	albany, NY	R21ES019492	Ø
109	Northwest Reference Epigenome Mapping Center	stamatoyannopoulos, john a	university of washington	seattle, WA	U01ES017156	1
110	Nucleoprotein Structures at Telomeres and Sites of DNA Damage	griffith, jack d	university of north carolina chapel hill	chapel hill, NC	R01ES013773	17
111	Nutrition, Deregulation of Imprinted Genes	hoyo, cathrine	duke university	durham, NC	R01ES016772	3
112	Oxidative DNA damage processing; role in human pathology and aging	hanawalt, philip courtland	stanford university	stanford, CA	R01ES018834	Ø
113	Oxidative pathways of guanine in DNA	shafirovich, vladimir	new york university	new york, NY	R01ES011589	28
114	P53-dependent responses to toxicants in parous and nulliparous breast	jerry, d joseph	university of massachusetts amherst	amherst, MA	R01ES015739	11
115	Pesticide Exposure and Childhood Cancer Study	ritz, beate r	university of california los angeles	los angeles, CA	R21ES019986	Ø
116	Polymerase Interactions with Carcinogen-modified DNA	guengerich, f peter	vanderbilt university	nashville, TN	R01ES010375	51
117	Prenatal PAH exposure and genome-wide methylation in a cohort of sibling-pairs	herbstman, julie beth	columbia university health sciences	new york, NY	R00ES017051	Ø
118	Production sequencing of reference human epigenomes	bernstein, bradley evan	broad institute, inc.	cambridge, MA	U01ES017155	8
119	Promoter Regulation in Response to Environmental Stress	pugh, b franklin	pennsylvania state university-univ park	university park, PA	R01ES013768	5
120	RNA Modifications as Biomarkers of Environmental Stress and Inflammation	begley, thomas j	state university of new york at albany	albany, NY	R01ES017010	3
	DNA Polymerase					

121	RNA Polymerase Transcription Past DNA Adducts	scicchitano, david a	new york university	new york, NY	R01ES010581	12
122	Regulation of the DNA damage Response	cimprich, karlene a	stanford university	stanford, CA	R01ES016486	8
123	Regulatory Functions of APE1 - An Essential Repair Protein	mitra, sankar nm	university of texas medical br galveston	galveston, TX	R01ES008457	29
124	Repair of Carcinogen Damaged DNA in Human Chromatin	smerdon, michael j	washington state university	pullman, WA	R01ES002614	65
125	Repair of DNA Damage Induced By Environmental Agents	ledoux, susan p	university of south alabama	mobile, AL	R01ES005865	38
126	Retrotransposon as a major source to epigenetic variations in the human genome	kim, joomyeong	louisiana state univ a&m col baton rouge	baton rouge, LA	R15ES019118	Ø
127	Reversing the Effects of Developmental Reprogramming	walker, cheryl l	university of texas md anderson can ctr	houston, TX	R21ES020055	Ø
128	Role and Regulation of INrf2	jaiswal, anil kumar	university of maryland baltimore	baltimore, MD	R01ES012265	10
129	Role of DNA polymerase eta in errorfree bypass of DNA lesions & cancer prevention	aggarwal, aneel k.	mount sinai school of medicine	new york, NY	R01ES017767	2
130	Role of Rev1 in error-free replication of DNA damage and in mutation prevention	prakash, satya	university of texas medical br galveston	galveston, TX	R01ES016666	3
131	Roles of Human DNA Polymearse Epsilon in Mutagenesis and Genome Stability	pursell, zachary f	tulane university of louisiana	new orleans, LA	R00ES016780	1
132	SWI/SNF chromatin remodeling in nucleotide excision repair	gong, feng	university of miami school of medicine	miami, FL	R01ES017784	1
133	Spontaneous and Carcinogen-Induced Mutagenesis	miller, jeffrey h	university of california los angeles	los angeles, CA	R01ES010875	3
134	Sulfotransferase Expression: Implications for Toxicity	runge-morris, melissa a	wayne state university	detroit, MI	R01ES005823	26
135	Synthesis, StructUre and Replication of Carcirogen-Modified Oligonucleotides	rizzo, carmelo j	vanderbilt university	nashville, TN	R01ES016561	1
136	The MTHFR C677T SNP exerts bipolar effects on colorectal cancer risk through the The Mechanism of	mason, joel b	tufts university boston	boston, ma 02111, MA	R21ES019102	2

137	THE MECHANISM OF Mitochondrial DNA Proofreading in Human Health and Disease	chan, sherine s	medical university of south carolina	charleston, SC	R00ES015555	1
138	The Roles of Trm9 and tRNA Methylation in the DNA Damage Response	begley, thomas j	state university of new york at albany	albany, NY	R01ES015037	6
139	The San Diego Epigenome Center	ren, bing	ludwig institute for cancer research	la jolla, CA	U01ES017166	12
140	The contribution of DNA interstrand crosslinks to aging	niedernhofer, laura jane	university of pittsburgh at pittsburgh	pittsburgh, PA	R01ES016114	18
141	The role of human DNA polymerase eta in the mutagenic response to oxidative stres	mcculloch, scott david	north carolina state university raleigh	raleigh, NC	R01ES016942	Ø
142	Translesion DNA synthesis in humans	prakash, louise	university of texas medical br galveston	galveston, TX	R01ES012411	22
143	Translesion Synthesis DNA Polymerases and Genome Instability	shcherbakova, polina v	university of nebraska medical center	omaha, NE	R01ES015869	8
144	UV damage, repair, and mutagenesis	pfeifer, gerd p	city of hope/beckman research institute	duarte, CA	R37ES006070	60